

V&V Summary Report

L2 ASCDS Version : 8.4.3

Observation 12816 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 7 2012

See axaff12816N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9663999815583

Comments

The data for this observation have been processed using the 'EDSER' sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610, 1204). Small-scale features should become sharper for sources near the aim point. The improvement will be less noticeable for off-axis sources where the size of the point-spread function is comparable to or larger than the size of an ACIS pixel. To take full advantage of the improvement, images should be binned on spatial scales smaller than the size of an ACIS pixel. Note that, at present, the point-spread function has not been calibrated for data to which the EDSER algorithm has been applied. If dither was disabled for the observation, then the algorithm can introduce artificial aliasing effects on spatial scales smaller than a pixel. If you would prefer to use no sub-pixel adjustment or to apply a coordinate randomization, then use `acis_process_events` to reprocess the data with the parameter `pix_adj=NONE` or `RANDOMIZE`, respectively.

seq_num	702452	Sequence number
obs_id	12816	Observation id
title	A Systematic Chandra Survey of AGN in Major Mergers -- How many Binary AGN are out there?	Proposal title
observer	DR. Kevin Schawinski	Principal investigator
object	GZ_merger_AGN_6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	247.492083	Observer's specified target RA [deg]
dec_targ	40.628556	Observer's specified target Dec [deg]
ra_nom	247.48293469454	Nominal RA [deg]
dec_nom	40.632879365216	Nominal Dec [deg]
roll_nom	130.28417697026	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4966.3999815583	Sum of GTIs [s]
livetime	4903.5124345848	Livetime [s]
ontime0	4966.3999815583	Sum of GTIs [s]
ontime1	4966.3999815583	Sum of GTIs [s]
ontime2	4966.3999815583	Sum of GTIs [s]
ontime3	4966.3999815583	Sum of GTIs [s]
ontime6	4966.3999815583	Sum of GTIs [s]
ontime7	4966.3999815583	Sum of GTIs [s]
l2events	20785	Number of level 2 events

